PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or ag	gent's file reference	FOR FURTHER ACTION as we	see Form PCT/ISA/220 ell as, where applicable, item 5 below.
nternational ap		International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
: PCT/JP2004	4/011216	29/07/2004	31/07/2003
pplicant		<u></u>	
	onal Search Report has be	een prepared by this International Searching Authorisms transmitted to the International Bureau.	thority and is transmitted to the applicant
3	onal Search Report consist	ots of a total of sheets. by a copy of each prior art document cited in this	s report.
	egard to the language, the	ne international search was carried out on the bas unless otherwise indicated under this item.	sis of the international application in the
. [this Authority (R	Rule 23.1(b)).	station of the international application furnished to
b 2.	,	leotide and/or amino acid sequence disclosed bund unsearchable (See Box II).	I in the international application, see Box No. I.
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	• •	lished by this Authority to read as follows:	
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X	the text has been establ	dished, according to Rule 38.2(b), by this Authority from the date of mailing of this international search	
6. With regar	rds to the drawings,		
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International application No.

INTERNATIONAL SEARCH REPORT

PCT/JP2004/011216

Text of the abstract (Continuation of item 5 of the first sheet) Box No. IV

The powder composition for paper manufacturing of the invention contains a hydrophobic organic compound (A), an emulsifying and dispersing agent (B), and optionally water-soluble saccharides (C) and has an average particle diameter of 0,1 to 2,000 µm. Other inventions are a bulking agent for paper comprising an ester of a polyhydric alcohol and a fatty acid, and a particle for paper manufacturing comprising oil droplets enclosed in a water-soluble solid matrix.

International application No. PCT/JP2004/011216

INTERNATIONAL SEARCH REPORT

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. X No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1-5,19
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-5,19

A powder composition for paper manufacturing; a method of producing a pulp sheet; use of the powder composition

2. claims: 6-10

A bulking agent for paper; a method of producing a bulk sheet

3. claims: 11-18

A paper manufacturing chemical agent particle; a method of producing a paper manufacturing chemical agent particle

INTERNATIONAL SEARCH REPORT

International Application No PCT/JP2004/011216

a. classification of subject matter IPC 7 D21H17/72 D21H17/14 D21H21/22 D21H21/14 B01D1/18 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) D21H IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Category ° Relevant to claim No. GB 1 221 952 A (RANSBURG ELECTRO-COATING 1,19 Χ 1 CORP) 10 February 1971 (1971-02-10) page 1, line 11 - page 3, line 26; figures 1.2; example 6 US 2 341 302 A (WILSON ERNEST S) 8 February 1944 (1944-02-08) 1 Х 1,5,19 page 1, column 2, line 25 - line 49; claims 1,2 US 2 401 090 A (MASHBURN ROBERT T) 1,2,5,19 1 Х 28 May 1946 (1946-05-28) the whole document Χ EP 1 001 082 A (KAO CORP) 1,3-5,191 17 May 2000 (2000-05-17) the whole document, in particular paragraph 0017 Further documents are listed in the continuation of box C. Х Patent family members are listed in annex. Х Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention citation or other special reason (as specified) cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. "P" document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search **11** 4, 01, 2005 29 October 2004 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, 2 Nestby, K Fax: (+31-70) 340-3016

INTERNATIONAL SEARCH REPORT

International Application No
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0.10	ALL A DOCUMENTO CONCIDENCE TO BE SELEVANT	PC1/JP2004/011216
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	10.
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